



MANITOBA
HISTORICAL AND
Scientific Society,
WINNIPEG.

ANNUAL REPORT
For the Year 1882-83.

ANNUAL MEETING, FEB. 13, 1883.

FULL REPORT OF THE YEAR'S OPERATIONS.
ELECTION OF EXECUTIVE COUNCIL,
AND OFFICERS.

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The Historical and Scientific Society of Manitoba.

ANNUAL MEETING, FEBRUARY 13, '83.

FULL REPORT OF THE YEAR'S OPERATIONS, ELECTION OF EXECUTIVE COUNCIL AND OFFICERS.

The annual meeting of the Historical and Scientific Society was held on Tuesday afternoon beginning at 4 o'clock, when the following members were present: Mr. A. H. Whitchee, 1st Vice-President; Rev. Prof. Hart, 2nd Vice-President; Rev. Prof. Bryce, Corresponding Secretary; Mr. W. H. Hughan, Recording Secretary and Librarian, and Messrs. L. M. Lewis, R. E. W. Goodridge, Wm. Pearce, C. N. Bell, Jos. Greenfield, E. L. Byington, J. H. Pantou, W. E. McLellan, R. Houston, J. H. Pantou and John Cape.

On motion of Rev. Prof. Bryce, Mr. A. H. Whitchee, 1st Vice-President, was chosen to occupy the chair in the absence of Mr. Alex. McArthur, President.

Messrs. Allan McDougall, C. E., and Maurice W. Britton were by ballot elected members of the Society.

The following report of the Executive Council was read by Rev. Prof. Bryce, Corresponding Secretary, and adopted by the Society.

ANNUAL REPORT.

The Executive Council begs leave to present the report for the year. The past year has been one of great prosperity in the Society. There have been no spasmodic efforts after public recognition, but the Society has steadily pursued its work of bringing to light the facts concerning the wide field of our operations—the regions lying north and west of Lake Superior.

MEMBERS.

During the past year that fast friend of our Society and of the North-West, Consul Taylor, was elected a "life and honorary member" of the Society.

Consul Taylor's services to us were recognized in the following letter of our Corresponding Secretary:—

Historical Society Rooms,
Winnipeg, Oct., 4, 1882.

MY DEAR SIR,

As Corresponding Secretary of the Historical and Scientific Society of Manitoba it is my pleasing duty to inform you that at the last meeting of the Society you were elected a Life and Honorary Member. I am instructed to communicate to you the high appreciation in which the Society holds you, as having been from the first one of its staunchest friends.

Your labor in collecting and investigating the facts in connection with the soil, and general capabilities of the North West has resulted in much good to the country, and we appreciate this all the more that it is the work of one not bound to give his powers for the general good, as a citizen of the country. We shall be glad to have you accept the Membership proffered, and to have you avail yourself of facilities offered by the Society, which, we trust, may each year become of more value.

I have the honour to be,

Your obedient Servant,

GEORGE BRYCE,

Corres. Secy.

U.S. Consul J. W. TAYLOR,
Winnipeg.

Two corresponding members were added to our list, viz.: Rev. A. B. Baird, M.A., of Edmonton, N. W. T., and Mr. N. H. Cowdry, of Regina, N. W. T. Both these gentlemen are men of education and high culture. Interesting papers are expected from them. Twenty-seven ordinary members have been added to the Society during the year. Of these, two were ladies. Your Executive Council would state that it is not for the purpose of swelling the numbers of the Society, nor yet out of mere compliment that the Society has decided to admit ladies. It is believed that there are ladies of education, literary habits and good powers of observation who might be of much service in producing papers on the manners and customs of the native tribes, on matters of North-Western history, or in the scientific department of the Society; as in botany or Indian remains. All workers will be cordially welcomed.

GRANTS IN AID.

During the year the Society received grants from the Provincial Government of \$200 and from the City Council of \$500. The Society is glad to have its efforts to advance the interests of our country, and give authoritative statements of its history and resources, recognized by the bodies giving these grants. The thanks of the Society are due to the Provincial and civic authorities for the assistance given.

RECOGNITION ABROAD.

It is extremely gratifying to your Executive Council to observe that our efforts have not passed unobserved in the older centers of population. Several of the learned Societies of the East have given us favorable notices in their proceedings, and one, the Canadian Antiquarian, in its journal, published our annual report in

full; the Royal Society of Canada, founded during the past year by His Excellency, the Governor General, as a rallying center for the culture of literary inclinations of Canadians, has done our Society the honor of making us one of the fourteen learned societies affiliated to it. We are called upon in consequence of this connection to elect a Representative who shall attend the meeting of the Royal Society in Ottawa in May next, and prepare for that body a statement of any original work done by our Society during the year.

CORRESPONDENCE.

The Society received during the year a very interesting paper from its corresponding member at York Factory, Mr. Joseph Fortescue. Mr. Fortescue dealt in his paper with certain papers of considerable length, which appeared in the public prints of Winnipeg, purporting to be founded on certain old and valuable papers in the possession of the commanding officer of the Fort (Mr. Fortescue himself) by a Mr. Rolland, who had visited York Factory. Those papers were simply from an old copy of the Voyages of La Perouse, found about the Fort. Mr. Fortescue at some length stated the groundlessness of the hope so often expressed that documents of value may be found at the Company's posts throughout the country; as, through the renewals of these buildings during the past two centuries, such a thing is most unlikely. An interesting communication was received from our corresponding member at Edmonton, the Rev. A. B. Baird, already mentioned. Mr. Baird's communication related to the occurrence of coal and iron at Edmonton, and described the manner in which these deposits are found. The coal is a lignite, hard and dark, does not seem so subject to the disintegrating influence of the air as that from the Souris. It is estimated to contain from 60 to 70 per cent. of carbon or heating power. The iron was clay ironstone, and was found in nodules in a stratum overlying the coal. There seems practically no limit to its extent. The Corresponding Secretary of the Society forwarded a specimen of this ironstone to his friend, Professor Chapman, in Toronto, and the following was found to be the analysis of ore:—

Carbonate of iron.....	54.28
Carbonate of Manganese.....	1.34
Carbonate of magnesia.....	4.22
Carbonate of lime.....	6.77
Tesquioxide of iron.....	12.26
Phosphoric acid.....	0.68
Sulphuric acid.....	0.41
Combined water.....	2.14
Hygroscopic water.....	0.73
Insoluble argillaceous matter.....	17.23
Total.....	90.96

Metallic iron, 35.74 per cent.
This is a better variety of ironstone than that worked as the Scotch black band and in Staffordshire, England. The only question needing solution is whether the amount of phosphorus in the ore is great enough to make the iron cold-short or of sulphur to make it red-short. Mr. Baird was tendered the thanks of the Society for his paper and specimens.

PROFESSOR BAIRD, OF WASHINGTON.

In the Autumn of 1882, Mr. Strong, a resident of Winnipeg, offered to make a collection of fish to be sent to the Smithsonian Institution. The offer was accepted, and a small appropriation made to assist in curing the specimens. The Express Companies carried them free to Washington, for which our best thanks are due. The contribution was duly acknowledged and our Society was invited to signify what exchanges it desired. The Council asked for specimens in such of the following fields as could be spared:

1. Insects destructive of vegetation.
2. Seaside specimens.
3. Fossils of coal measures, of the tertiary period, and specimens of the varieties of coal.
4. Remains from the mounds of the Mississippi and Ohio.

Notice has been received by the Secretary that a shipment of marine invertebrates, all properly classed and labeled will be forwarded. The Council has also sent out its reports and publications to a long list of corresponding societies, and likewise to our honorary and corresponding members.

CONTRIBUTIONS.

Holding a first place among those who have been generous to the Society is the Smithsonian Institution. During the past year there has been received no less than 36 publications to be added to the 150 previously sent by the Institution to the Society. To the several Departments of State at Washington the Society is indebted for ten volumes during the past year. The Department of Agriculture is especially worthy of notice in this respect.

The following is the list of presentations for the year:—

England.—*From the Cobden Club*—Pleas for Protection Examined; The A B C of Free Trade; The Financial Reform Almanack for 1883. *From Walter D. Potts, Esq., Newcastle-upon-Tyne*—Grace Darling.

United States Government.—Decrease of Water in Springs, Creeks and Rivers, and Increase in Cultivated Countries; Report of Agriculture for 1880; Silos and Ensilage; No. 49, Special Report, Corn, &c., Climate, Soil and Agricultural Capabilities of South Carolina and Georgia; Report (46) Condition of Corn, &c., Freight Rates; No. 50, The Dissemination of Texas Fever of Cattle and How to control it; Special Report, No. 51, Yield and quality of Small Grain, &c.; Special Report, No. 52, Yield per acre of Cotton, Corn, and Potatoes; Report of Agriculture for 1881 and 1882; Special Report, No. 54, The Sorghum Sugar Industry. Total—11 Publications.

Smithsonian Institution.—I, II. and III. Volumes, Proceedings of National Museum, 8 to 9 (inclusive) and 11 to 21 (inclusive); Miscellaneous Collections; 334, Humming Birds; 335, List of Libraries, Museums and Societies; 343, Annual Reports, 1865 to 1877; 348, Fishes of the New Jersey Coast; 353, Tables of Rain Fall; 356, Memorial of Joseph Henry; 360, Palafittes or Lacustrine Construction; 367, Flora of Alaska; 372, Drilling in Stone without Metal; 367, Chemistry of the Earth; 284, Circular of Shipping Fresh Fish; 394, Stone Age in New Jersey; 415, Savage Weapons; 437, Check List of Publications; Smithsonian Report, 1879, Do., 1880, Do., 1879, Do., 1880 (second copies); Euology on Alex. D. Bache; First Annual Report Bureau Ethnology (2 copies). Total—37 Publications.

Boston.—Williams' Lecture Magazine, 1882 to 1883.

Missouri Historical Society, St. Louis.—Amended Charter and By-Laws; Campaign in Missouri and the Battle of Wilson's Creek, 1861; Recollections of a

Septuagenarian; Archaeological Explorations in Cole Co., Mo.; Samuel Gaty; Archaeology of Missouri. Total, 7.

Department of State, Minnesota—Executive Documents. Total—10 Volumes.

Canada.—Department of State, Ottawa.—Descriptive Catalogue of Economic Minerals of Canada; Do., Compiled by the Geological Corps of Canada. Total—2 Volumes.

Geological Survey of Canada.—Preliminary Note, Bow and Belly River's Districts.

Nova Scotia.—Collections of the Historical Society.

The Royal Society of Canada.—Minutes of Proceedings, 1882.

Montreal.—The Numismatic and Antiquarian Society—Journal for January, April and July. Total—3 Volumes. S. Weir, Esq., 1, 3, 4 and 6th Reports, Montreal Horticultural Society.

Toronto.—Proceedings of the Canadian Institute, Vol. 1. Nicholas Flood Davin, Esq., Album verses and other Poems; Remarks suggested by President Garfield's Death; On the Secretary of the Royal Society of Canada. Total—3.

Winnipeg.—Provincial Government—Consolidated Statutes of Manitoba, 1880; Statutes of Manitoba (44th year of the Reign of Queen Victoria); Reports, Minister of Agriculture and Statistics (two copies 1880 and Do., 1881). Total—6 Volumes.

Winnipeg.—Miscellaneous—Baker, Esq., C. P. R.,—A Copper Arrow Head. R. H. Hunter, Esq.,—Statistics of Railroads, &c.; Life History of Birds (2 copies). Mr. James Henderson.—Manitoba and North-Western Directory; Directory of City of Winnipeg, July, 1882. Provincial Library Books returned by A. H. Whit-cher, Esq.—Land Laws, Regulations and Decisions, No. 1 and No. 2. Mr. R. E. W. Goodridge.—12 Nos. Popular Science Monthly; Binding Punch Volume. Mr. Wm. Battye.—Reprint, "Times," Oct. 3, 1793. R. Gerald R. Eden, Esq.—Loan of One Year's Scientific American as published. Mr. Beattie—Esquimault Kayak. A. F. Inkson.—10 old coins,

PROVINCIAL NEWSPAPERS.

The reading room has been well supplied with newspapers and the best magazines. The newspapers are carefully filed, and during the past year, though the archives of this department only extend back three years, the applications for leave to consult the files by the courts, by lawyers, reporters and others have been continuous. The Society desires to acknowledge its sense of the generous contribution free of charge of the Provincial newspapers from their publishers. These papers have been received, a number of them since their first issue, and are carefully filed away, and form most valuable material for history and evidence.

The following is the list:—

<i>The Brandon Mail</i> ,.....	Daily.
<i>Brandon Sun</i> ,.....	Weekly.
<i>Edmonton Bulletin</i> ,.....	"
<i>Emerson International</i> ,....	"
<i>Herald (Winnipeg)</i> ,.....	"
<i>Le Manitoba (St. Boniface)</i> ..	"
<i>Manitoba Gazette</i> ,.....	"
<i>Manitoba Mountaineer</i> ,....	"
<i>Marquette Review</i> ,.....	Semi-Weekly.
<i>Morris Herald</i> ,.....	Weekly.
<i>Progress (Rat Portage)</i> ,.....	"
<i>Rapid City Standard</i> ,.....	"
<i>Rock Lake Herald</i> ,.....	"
<i>Saskatchewan Herald</i> ,.....	"
<i>Selkirk Herald</i> ,.....	"
<i>Stonewall News</i> ,.....	"
<i>West Lynne and South</i> ..	"
<i>Manitoba Times</i> ,.....	"
<i>Winnipeg Free Press</i> ,.....	Daily.
Do.,.....	Weekly.
<i>Winnipeg Sun</i> ,.....	Daily.
<i>Winnipeg Times</i> ,.....	"

PAPERS READ.

There have been nine original papers read during the year, several of them of importance, being fresh investigations and having a permanent value. The Society is glad to receive from its members well prepared papers on any subject, even though they may be outside the scope of the Society. Such papers stimulate thought and keep up interest in the Society. The names are given first of the papers on general topics with their dates of delivery.

GENERAL PAPERS.

1. On Energy, by J. H. Rowan, Esq., on Feb. 23rd, 1882.
2. Critique on Caroline Fox's "Memoirs of Old Friends," by A. Macarthur, Esq., on March 23rd.
3. Synopsis of Taine's "English Literature," by the late Mr. David Cowan, April 13th.
4. On Free Public Libraries, by T. C. L. Armstrong, M.A., L.L.B., on October 19th.

HISTORICAL AND SCIENTIFIC.

During the past year the five papers on the special work of the Society have been of a high order of merit. Those read after the resumption of work succeeding the Summer vacation have all been published at the expense of the Society. Three hundred copies of each are obtained. As has been stated, a number (about eighty) are sent to our exchanges. The remainder are disposed of at a small price. The following are the papers:

1. Journal of Robert Campbell, Esq., read by Consul Taylor, April 5th, 1882. Mr. Campbell is a retired Chief Factor of the Hudson's Bay Company and has been half a century in the North-West. These extracts are of the date of 1822-3. Mr. Campbell is an honorary member of this Society, is a Fellow of the Royal Geographical Society, and the discoverer of the source of the Yukon River in Russian America.
2. (Published). On "The Causes of the Rising in the Red River Settlement—1869-70," by Alexander McArthur, Esq., President of the Society, read October 5th, 1882. This paper is written by one who passed through the Red River troubles. At the close of the paper an animated discussion took place as to the attitude taken by the various classes of the Red River community.
3. (Published). Lecture on "Arctic Regions and Hudson's Bay," by Dr. Rae, London, Eng., delivered October 11th. The lecturer gave an account of his personal experiences in searching for Sir John Franklin. For his success in

finding first traces of Franklin he and his companions received the reward offered by the Admiralty of £10,000. His expedition was overland. Dr. Rae was not sanguine as to the successful navigation of Hudson's Bay.

4. (Published). "Gleanings from the Geology of the Red River Valley," by J. H. Panton, M. A., read December 28th. Mr. Panton was formerly Professor of Science in Guelph Agricultural College. The paper dealt with geological formations of Red River Valley — the siurian. He also described at length the features of the drift deposits. At the close of the paper an interesting discussion took place as to the nature and quality of the water of the Red and Assiniboine Rivers and the wells obtained in this drift deposit.

5. (Published) "On 'The Winnipeg Country; Its Discovery and the Great Consequences Resulting,'" by Rev. Prof. Bryce, Corresponding Secretary, January 25th. The object of this paper was to show the part taken by Verandrye in discovering the Lake Winnipeg region and the influence this had in stirring up English merchants, the Hudson's Bay Company, the Montreal merchants and the Norwesters to activity in exploration. The close of the paper gave a number of deductions as to the course of trade, favoring the city of Winnipeg as the probable great business center of the North-West.

THE LIBRARY.

The Library has been largely made use of during the past year. Many books of the circulating library are in constant use, while the reference library of the Society is continually being consulted. The books taken out by readers were 2,466 volumes during the year, against 2,525 for the previous year. The Executive Council have had a very earnest desire to increase the Library by the addition of new books and the important works of reference. The subscription to the Library have been seriously interfered with by the consideration of the free public library scheme. The public, having the prospect of the larger enterprise, have not continued their annual subscriptions to the circulating library. The Society appointed a small committee to wait upon the

Council, for the purpose of inducing that to undertake a free library in Winnipeg. The committee was originally received by the Council, and the City Finance Committee was appointed to confer with the committee of the Society. This conference took place, and the Finance Committee recommended the matter to the Council. The end of the civic year having come, the matter was left over for the new City Council to deal with. The confusion connected with their entry to office, and the attention since necessary to the financial affairs of the city, have prevented the completion of the scheme for the library. It is to be hoped that the matter may soon take definite form, and that by the middle of the year so much needed and useful an agency may be in active operation in our city. No more useful thing for ourselves than a collection of 10,000 good books could be undertaken, and the effect of such an institution in drawing attention to our advantages as a city for intelligent and cultivated persons to find a home in must be great indeed. The Society offered the Council the use of its General and Reference Library, of some 3,000 volumes, under certain conditions, thus forming a good nucleus for the collection. The Executive Council recommends that the new Executive Council continue to keep the matter before the Aldermen and citizens, as a thing most deserving of present attention.

OBITUARY.

During the year we have had the misfortune to lose two of our members, viz, His Lordship, Chief Justice Wood, and Mr. David Cowan. We join in the universal sorrow, which was so generally expressed when Chief Justice Wood was removed from our midst. His Lordship

took an active part in the formation and incorporation of our Society. We had the honor of having him as our first President. Previous to his election as President, he was Chairman over the preliminary meetings, which eventuated in the organization and establishment of our Society. His Lordship also favored us with several papers; his inaugural address as President, in which he sketched the growth of true history, and delineated the rise of intellectual activity and liberty of thought among the chief nations of the earth. This is the anniversary of the day, on which he delivered that address (13th Feb., 1880.) The Chief Justice also read before the Society a paper on Cosmogony and Chronology.

All of which is respectfully submitted.

A. H. WHITCHER, GEORGE BRYCE,
Vice President. Cor. Secretary.

TREASURER'S STATEMENT.

The following statement by the Treasurer, Mr. R. H. Hunter, of the receipts and expenditures for the year, was read by Mr. L. M. Lewis:—Balance to credit in Imperial Bank Feb. 1st, 1882, \$431.22; insurance company for losses by fire, \$103; municipal grant, \$500; Government grant, \$500; proceeds of Dr. Rae's lecture, \$103.50; members dues, historical library, \$450.95; total, \$1,783.67. Expenditure—Paid Geo. Winks ten months rent to Feb. 1st, \$300; Mr. Hughan twelve months salary, \$600; draft on New York, re library fittings and book-binding, \$37.58; fire insurance, \$60; printing annual report, \$14; magazines and papers for library, \$105.18; printing Dr. Rae's and Mr. McArthur's lectures, \$44; fuel and light, \$52.25; book-binding, postage, stationery and sundry printing, \$83.08; advertising, \$13.50; balance at bankers, \$474.08.

The statement was certified to by Mr. R. E. W. Goodridge, Auditor, and was adopted.

ELECTION OF COUNCIL.

The following fifteen gentlemen were elected members of the Executive Council for the ensuing year: Rev. Prof. Bryce, Messrs. A. H. Whitcher, Alex. McArthur, R. E. W. Goodridge, L. M. Lewis, Ald. George H. Ham, W. H. Hughan, Rev. Prof. Hart, J. H. Panton, T. C. L. Armstrong, Dr. Cowan, C. N. Bell, H. M. Howell, R. H. Hunter, and R. Houston.

ELECTION OF OFFICERS.

The officers of last year were all re-elected, as follows: President, Mr. Alex. McArthur; 1st Vice-President, Mr. A. H. Whitcher; 2d Vice-President, Rev. Prof. Hart; Corresponding Secretary, Rev. Prof. Bryce; Recording Secretary, Mr. W. H. Hughan; Treasurer, Mr. R. H. Hunter.

On motion of Mr. McDougall, seconded by Mr. Panton, a vote of thanks was tendered the President and officers and the members of the retiring Council for their services during the past year.

On motion of Capt. Lewis, seconded by Mr. Bell, it was resolved to refer to the Executive Council the appointment of a delegate to the Royal Society, which is to meet in May next.

Mr. Goodridge was, on motion of Capt. Lewis, seconded by Prof. Bryce, appointed Auditor for the ensuing year.

The meeting then adjourned.

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GEORGE BRYCE.
Cor.-Secretary.

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Mr. A. H.
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